**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

1

of

2

Complete if Known

Application Number	09/940,679
Filing Date	August 27, 2001
First Named Inventor	Majid L. RIAZIAT
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	267/032; VM7010755001

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
	1	AHLSTRÖM, K. H. et al. "Pulmonary MR Angiography with Ultrasmall Superparamagnetic Iron Oxide Particles as a Blood Pool Agent and a Navigator Echo for Respiratory Gating: Pilot Study" <i>Radiology</i> (June 1999) 211(3):865-869	
	2	AXEL, L. et al. "Respiratory Effects in Two-Dimensional Fourier Transform MR Imaging" <i>Radiology</i> (Sept. 1986) 160(3):795-801	
	3	DANIAS, P.G. et al. "Prospective Navigator Correction of Image Position for Coronary MR Angiography" <i>Radiology</i> (June 1997) 203:733-736	
	4	DU, Y.P. et al. "A comparison of prospective and retrospective respiratory navigator gating in 3D MR coronary angiography" <i>Int'l J. Cardiovascular Imaging</i> (2001) 17:287-294	
	5	DU, Y.P. "Prospective navigator gating with a dual acceptance window technique to reduce respiratory motion artifacts in 3D MR coronary angiography" <i>Int'l J. Cardiovascular Imaging</i> (2003) 19:157-162	
	6	FELBLINGER, J. et al. "Effects of physiologic motion of the human brain upon quantitative ¹ H-MRS: analysis and correction by retrogating" <i>NMR in Biomedicine</i> (1998) 11:107-114	
	7	FISHBEIN, K.W. et al. "The lever-coil: a simple, inexpensive sensor for respiratory and cardiac motion in MRI experiments" <i>Magnetic Resonance Imaging</i> (2001) 19:881-889	
	8	HAACKE, E.M. and G.W. LENZ "Improving MR Image Quality in the Presence of Motion by Using Rephasing Gradients" <i>AJR</i> (June 1987) 148:1251-1258	
	9	HUBER, A. et al. "Navigator Echo-Based Respiratory Gating for Three-Dimensional MR Coronary Angiography: Results from Healthy Volunteers and Patients with Proximal Coronary Artery Stenoses" <i>AJR</i> (July 1999) 173:95-101	
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	12	MANKE, D. et al. "Model Evaluation and Calibration for Prospective Respiratory Motion Correction in Coronary MR Angiography Based on 3-D Image Registration" <i>IEEE Transactions on Medical Imaging</i> (Sept. 2002) 21(9):1132-1141	
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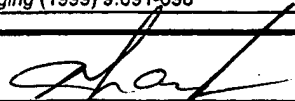
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		Application Number	09/940,679		
		Filing Date	August 27, 2001		
		First Named Inventor	Majid L. RIAZIAT		
		Art Unit	3736		
		Examiner Name	John P. Lacyk		
Sheet	2	of	2	Attorney Docket Number	267/032; VM7010755001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
	15	NIKOLAOU, K. et al. "Navigator Echo-Based Respiratory Gating for Three-Dimensional MR Coronary Angiography: Reduction of Scan Time Using a Slice Interpolation Technique" <i>J. Computer Assisted Tomography</i> (2001) 25(3):378-387	
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	19	SCHÄR, M. et al. "The Impact of Spatial Resolution and Respiratory Motion on MR Imaging of Atherosclerotic Plaque" <i>J. Magnetic Resonance Imaging</i> (2003) 17:538-544	
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	25	WOOD, M.L. and R.M. HENKELMAN "Suppression of respiratory motion artifacts in magnetic resonance imaging" <i>Med. Phys.</i> (Nov/Dec 1996) 13(6):794-805	
		26	WORTHLEY, S.G. et al. "Cardiac gated breath-hold back blood MRI of the coronary artery wall: An in vivo and ex vivo comparison" <i>Int'l J. Cardiovascular Imaging</i> (2001) 17:195-201
27		YAMASHITA, Y. et al. "MR Imaging of Focal Lung Lesions: Elimination of Flow and Motion Artifact by Breath-Hold ECG-Gated and Black-Blood Techniques on T2-Weighted Turbo SE and STIR Sequences" <i>J. Magnetic Resonance Imaging</i> (1999) 9:691-698	

Examiner's Signature		Date Considered	10/14/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 1

Complete if Known

Application Number	09/940,679
Filing Date	August 27, 2001
First Named Inventor	Majid L. RIAZIAT
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	267/032; VM7010755001

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US-6,370,217 B1	04-09-02	Hu et al.	
	2	US-6,665,370 B2	12-16-03	Bruder et al.	
	3	US-2003/0007593 A1	01-09-03	Heuscher et al.	
	4	US-2003/0063292 A1	04-03-03	Mostafavi	
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	6	US-2004/0005088 A1	01-08-04	Jeung et al.	
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	9	US-2004/0218719 A1	11-04-04	Brown et al.	

FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known

Application Number	09/940,679
Filing Date	August 27, 2001
First Named Inventor	Majid L. RIAZIAT
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	267/032; VM7010755001

U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
	1	US-3,871,360	03-18-75	Van Horn et al.	
	2	US-3,952,201	04-20-76	Hounsfield	
	3	US-4,031,884	06-28-77	Henzel	
	4	US-4,710,717	12-01-87	Pele et al.	
	5	US-4,853,771	08-01-89	Witriol et al.	
	6	US-4,895,160	01-23-90	Reents	
	7	US-4,971,065	11-20-90	Pearce	
	8	US-4,994,965	02-19-91	Crawford et al.	
	9	US-5,271,055	12-14-93	Hsieh et al.	
	10	US-5,482,042	01-09-96	Fujita	
	11	US-5,513,646	05-07-96	Lehrman	
	12	US-5,565,777	10-15-96	Kanayama et al.	
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	16	US-5,622,187	04-22-97	Carol	

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	17	FI 79458	09-29-89	Seppo Peltola		

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Sheet 2 of 3

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	18	US-5,638,819	06-17-97	Manwaring et al.	
	19	US-5,662,112	09-02-97	Heid	
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	35	US-6,348,058 B1	02-19-02	Melkent et al.	

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sh	36	US-6,405,072 B1	06-11-02	Cosman	
	37	US-6,434,507 B1	08-13-02	Clayton et al.	
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<i>sh</i>	1.	ADAMS, W.B. et al. "Correlator Compensation Requirements for Passive Time-Delay Estimation with Moving Source or Receivers" IEEE (April, 1980) ASSP-28(2):158-168	
	2.	BALTER, J.M. et al. "Uncertainties in CT-Based Radiation Therapy Treatment Planning Associated with Patient Breathing" Int. J. Radiat. Oncol., Biol., Phys. (August, 1996) 36:167-174	
	3.	BANKMAN, I.N. et al. "Optimal Detection, Classification, and Superposition Resolution in Neural Waveform Recordings" IEEE (August, 1993) 40(8):836-841	
	4.	BELLENGER, N.G. et al. "Left Ventricular Quantification in Heart Failure by Cardiovascular MR Using Prospective Respiratory Navigator Gating: Comparison with Breath-Hold Acquisition" J. Magn. Reson. Imaging (April, 2000) 11:411-417	
	5.	CHO, K. et al. "Development of Respiratory Gated Myocardial SPECT System" J. Nucl. Cardiol. (Jan./Feb., 1999) 6:20-28	
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	7.	EHMAN, R.L. et al. Magnetic Resonance Imaging with Respiratory Gating: Techniques and Advantages" Am. J. Roentgenol (December, 1984) 143:1175-1182	
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

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Sheet 2 of 5

Complete if Known

Application Number	09/940,679
Filing Date	August 27, 2001
First Named Inventor	Majid L. RIAZIAT
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	267/032; VM7010755001

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
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Sheet 3 of 5

Complete if Known

Application Number:	09/940,679
Filing Date	August 27, 2001
First Named Inventor	Majid L. RIAZIAT
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	267/032; VM7010755001

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<i>sub</i>	29.	MAGERAS, G.S. "Interventional Strategies for Reducing Respiratory-Induced Motion in External Beam Therapy" The Use of Computers In Radiation Therapy XIIIth International Conference, Heidelberg, Germany (May, 2000) pp. 514-516	
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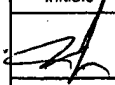

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Sheet 4 of 5

Complete if Known

Application Number	09/940,679
Filing Date	August 27, 2001
First Named Inventor	Majid L. RIAZIAT
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	267/032; VM7010755001

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Complete if Known

Application Number	09/940,679
Filing Date	August 27, 2001
First Named Inventor	Majid L. RIAZIAT
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	267/032; VM7010755001

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Application Number

09/940.679

Filing Date

August 27, 2001

First Named Inventor

Hassan Mostafavi

Group Art Unit

Not-Yest-Assigned

Examiner Name

Not-Yet-Assigned

Attorney Docket Number

267/032

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Complete If Known

Application Number	09/940,679
Filing Date	August 27, 2001
First Named Inventor	Hassan Mostafavi
Group Art Unit	Not-Yet-Assigned
Examiner Name	Not-Yet-Assigned
Attorney Docket Number	267/032

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